



KANGAROO MOBILE DESKTOP USER GUIDE

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Product notice

This guide describes features that are common to most models. Some features may not be available on your computer. Not all features are available in all editions of Windows. This computer may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See <http://www.microsoft.com> for details.

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Safety warning notice



WARNING! To reduce the possibility of heat-related injuries or of overheating the computer, do not place the computer directly on your body or obstruct the computer air vents. Use the computer only on a hard, flat surface. Do not allow another hard surface, such as an adjoining optional printer, or a soft surface, such as pillows or rugs or clothing, to block airflow. Also, do not allow the AC adapter to come into contact with the skin or a soft surface, such as pillows or rugs or clothing, during operation. The computer and the AC adapter comply with the user-accessible surface temperature limits defined by the International Standard for Safety of Information Technology Equipment (IEC 60950).

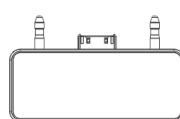
1 Getting to know your computer

What's in the box?

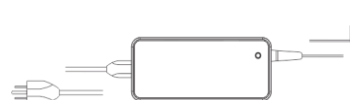
Kangaroo Mobile Desktop



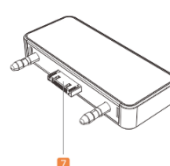
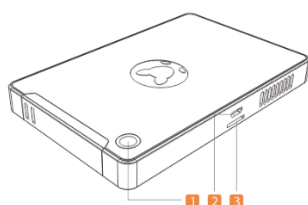
Kangaroo Dock



AC Adapter



Component & Feature Illustrations



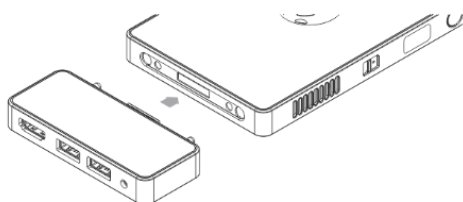
Component/Feature		Description
(1)	Power LED Indicator	Blue: Powered on, and battery fully charged Amber: Solid indicates battery charge mode, and blinking indicates a low battery state.
(2)	 Micro SD Slot	Connect optional Micro SD memory cards to store, manage, share, or access information.
(3)	 Micro USB Port	Connect a Micro USB cable to charge the computer's internal battery pack. Notice: The Micro USB port on this system can only be used to trickle charge the internal battery, and does not support data transfer.
(4)	Action-Switch	Custom feature which allows you to use VNC control software to remotely control your computer.
(5)	Finger Print Reader	Allows login to Windows using biometric identification.
(6)	Power Button	- When the computer is off, press the button to turn on the computer. - When the computer is in Sleep Mode, press the button briefly to exit Hibernation.
		CAUTION: Pressing and holding down the power button results in the loss of unsaved information. If the computer has stopped responding and Windows® shutdown procedures are ineffective, press and hold the power button down for at least 5 seconds to turn off the computer.
(7)	Docking Connector	Extend the capability of your Kangaroo Mobile Desktop by connecting Kangaroo compatible device extensions, such as the Kangaroo Dock, or Kangaroo compatible battery and storage extenders.
(8)	 HDMI Port	Connects an optional video or audio device, such as an external monitor, high definition television, any compatible digital or audio component, or a high-speed HDMI device.
(9)	 USB 3.0 Port	Connects optional USB 3.0 devices, such as a keyboard, mouse, external drive, printer, scanner or USB hub.
(10)	 USB 2.0 Port	Connects optional USB 2.0 devices, such as a keyboard, mouse, external drive, printer, scanner or USB hub.
(11)	 DC In	DC input for the AC adapter.

2 Configuration & Setup

Quick Setup Guide

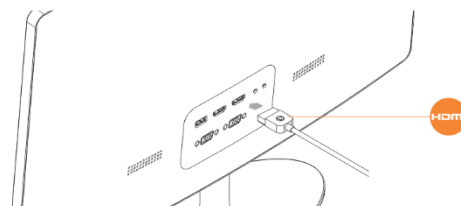
STEP-1: Connecting the Kangaroo Dock

- Attach the Kangaroo Mobile Desktop computing module to the Kangaroo Dock as shown in the illustration below.



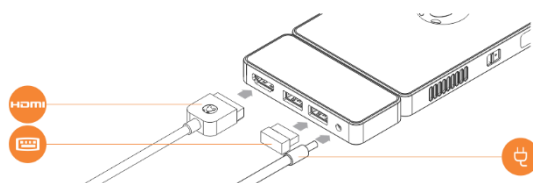
STEP-2: Connecting to your HDMI display

- Attach an HDMI display cable, from your LCD monitor or television to the HDMI port on the Kangaroo Dock as shown.



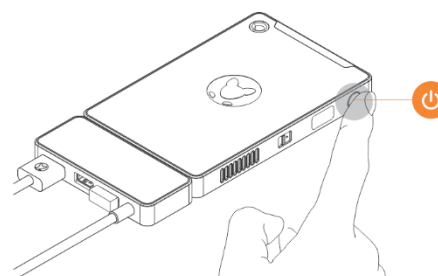
STEP-3: Attach Peripherals to the Kangaroo Dock

- Insert your USB keyboard/mouse controller into the USB port on the Kangaroo Dock, and attach the AC adapter.



STEP-4: Connecting to your HDMI display

- Press the power button on the computing module.



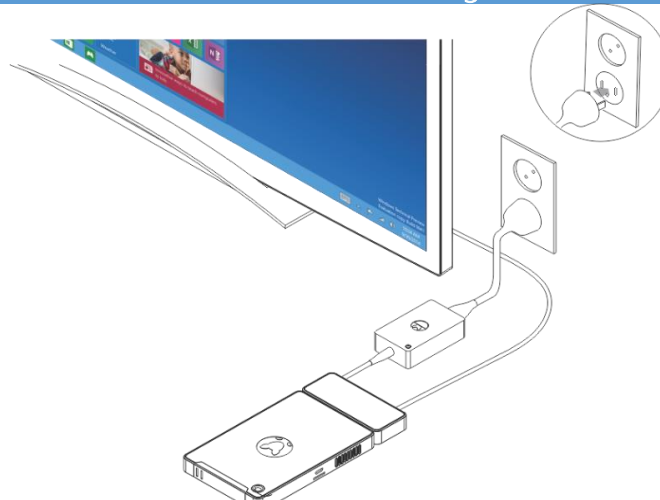
Important Note:

- To prepare the system for first-use, you must attach the AC Adapter and press the power button (for approximately 2 full seconds).
- Your computer's internal battery is placed in Ship Mode before it leaves the factory.
- Ship Mode is designed to protect your battery during transit and extend its retail shelf-life.
- Attaching AC power for the first time deactivates Ship Mode.

Desktop Replacement Configuration



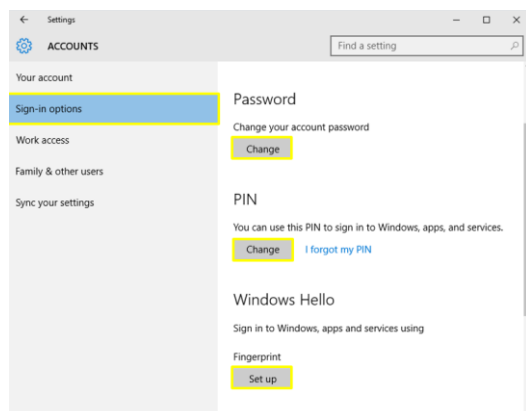
Home Entertainment Configuration



Using the fingerprint reader to login

STEP-1: Configuring Password & Pin

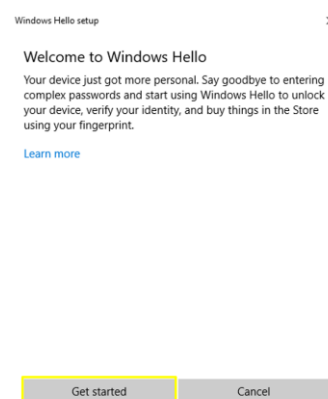
- Click **Start** , then select **Settings**  > **Accounts** > **Sign-in options** to set up Windows Hello.



Note: If you don't already have an account password or PIN, click **Add** under the respective dialog and follow the onscreen instructions.

STEP-2: Configuring Windows Hello

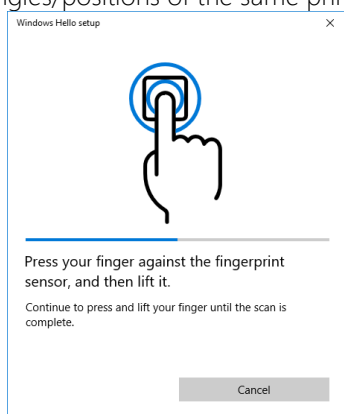
- After configuring the account password and PIN, click **Setup** under the Windows Hello dialog:



- Start** > **Settings** > **Sign-in Options** > **Windows Hello** > **Setup** > **Get Started**.

STEP-3: Fingerprint Registration

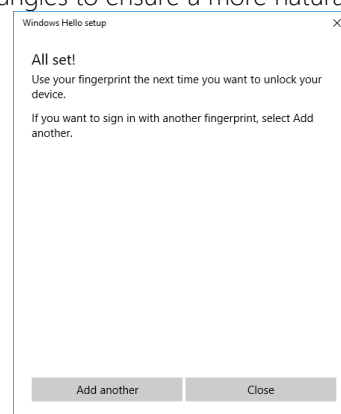
- Next you will be prompted to begin registering your fingerprints.
- Windows Hello Setup will prompt you to register up to 7 different angles/positions of the same print.



- The Kangaroo Mobile Desktop uses an area-based sensor to read the impressions on your fingertips. To scan your fingerprint, place your finger (do not swipe) firmly onto the surface of the sensor, and the sensor will do the rest.
- Registering multiple angles for each print provides you with a better overall usability experience, as increasing the coverage provides a higher probability of successful recognition during normal daily use.

STEP-4: Register Additional Fingerprints

- After completing registration for your first print, Windows Hello Setup will prompt you to register additional prints.
- It's recommended that you register multiple prints from a variety of angles to ensure a more natural experience.



- Registering multiple fingerprints makes using Windows Hello much easier.
- We recommended registering multiple prints on both hands (e.g., the thumb and ring fingers) so that regardless of the PC's orientation you're able to comfortably grasp and scan a print using more natural/ergonomic movements (i.e., without having to re-position your body or the PC to align your print in its originally registered angle).

Using your iPad to control your Kangaroo Mobile Desktop

STEP-1: Download OSLinx for Windows

- Download OSLinx for Windows to your Kangaroo Mobile Desktop computer.

To download OSLinx for Windows:

- Visit <http://support.kangaroo.cc>
- Select Manuals & Downloads
- Click OSLinx for Windows.

STEP-2: Download OSLinx for iPad

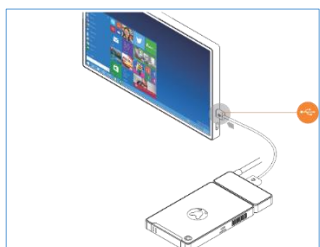
- Download and install OSLinx for iOS onto your iOS device (presently only available for iPad).

To download OSLinx for iOS:

- Visit the App Store on your iOS device.
- Search for OSLinx
- Download and install the app onto your device.

STEP-3: Open OSLinx on Both Devices

- Open the OSLinx application on each device.
- Connect your iOS device to the Kangaroo Mobile Desktop using your (Lightning or 30-pin) USB cable.



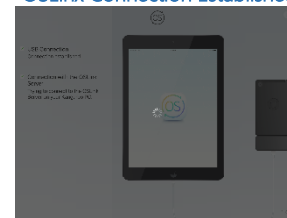
STEP-4: Trust & Connect

- Tap "Trust this Computer" on your iOS device.
- Once a trusted link is established your iOS device will negotiate the connection with the Kangaroo Mobile Desktop and display the following screens:

USB Connection Established

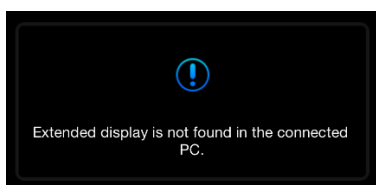


OSLinX Connection Established

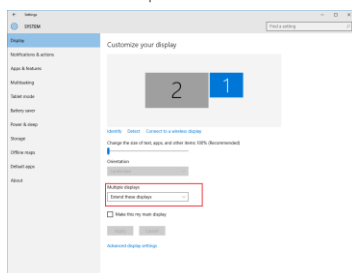


Troubleshooting the OSLinx Connection with your iPad

- Depending on the Display Configuration settings in Windows certain systems may experience an error, "Extended display is not found in the connected PC".
- This error indicates that the OSLinx application is unable to make a connection with a primary or extended display device, and is known to occur when the iOS device is configured (in Windows) as a Secondary Display.



- Perform the following steps to correct this problem:
 - Connect your iOS device to the USB port of the Kangaroo Mobile Desktop.
 - Connect a HDMI monitor to your Kangaroo Mobile Desktop.
 - Click **Start** , select **Settings**  > **System**
 - Click the dropdown menu titled, **Multiple Displays**, and select **Extend these displays**.



Using the Action Switch to Enable Wi-Fi Direct

Introduction

The Action Switch is a simple [switch activated] hardware feature that allows you to connect, view and control your Kangaroo Mobile computer in a secure (*disconnected*) environment.

All Remote Desktop services available on the market today have one thing in common -- they require both the Host and Remote computers to be connected to internet, or operating on the same network. The Action Switch requires neither.

Sliding the Action Switch on your Kangaroo Mobile Desktop (item 4 in the above Component & Feature illustrations) enables W-iFi Direct mode on the Kangaroo Mobile Desktop, thus making your computer available (securely) to incoming connections.

What do we mean by disconnected? In an environment where network or internet access is not available or desirable for security purposes, activating the Action Switch will allow you to connect to your Kangaroo Mobile Desktop and remotely view and control your computer using a range of other devices.

How do I use it?

While Microsoft Windows 10 Professional includes all of the necessary protocols [to enable Remote Desktop services] by default, Windows 10 Home Edition explicitly excludes such services.

Nevertheless, there are many Open Source VNC (Virtual Network computing) solutions available that will allow you to enable Remote Desktop/Access capability on a Windows Home Edition version of the Microsoft Windows 10 operating system.

Using VNC Software to securely connect your Kangaroo Mobile Desktop

What VNC software should I use?

One of the great things about VNC software is that much of it on the market today remains Open Source, and there are many popular solutions available which enable remote connections using a variety of devices, such as Android, iOS and Linux. And most importantly, many of them are free for non-commercial use, and can be used independent of the Action Switch when both Host and Remote computers are either connected to the internet or operating on the same network.

Following are a few of the popular solutions that we've enjoyed:

- RemoteMouse (<http://remotemouse.net>)
- RealVNC (<http://www.realvnc.com>)

Please Note

Although we mention only a few of the popular solutions here, there are many 3rd Party VNC services available.

For the purposes of this guide, our instructions on use of these VNC tools will remain generic while providing sufficient details to facilitate connections via practically any of the popular VNC solutions.

Definitions

- The **Host or Server Computer** is the target computer (the Kangaroo Mobile Desktop) to which you wish to connect and remotely control.
- The **Remote or Client Computer** is the remote (computer, tablet or phone) device you wish to use to remotely control the (Kangaroo Mobile Desktop) host.

What do I need to get started?

Both devices (host and client) need to be running a compatible VNC solution. This means that you will need to locate and download a VNC Server application to the host (i.e., your Kangaroo Mobile Desktop), and a VNC Client application (or viewer) to your remote device (your Windows, iOS, Android or Linux device).

Getting Connected – The Basics

- ✓ Verify your VNC solution provider provides a Windows solution for your Kangaroo Mobile Desktop, as well as a compatible Client/Viewer software for your remote device.

- ✓ Download the VNC host/server software to your Kangaroo Mobile Desktop.
- ✓ Download the VNC client/viewer software to your remote device.
- ✓ Make sure your Kangaroo Mobile Desktop computer is not connected to another Wi-Fi network.
- ✓ Slide the Action Switch to activate Wi-Fi Direct (notice the blue LED next to the Action Switch is illuminated, and the presence of the Action Switch icon in the Windows taskbar notification area).
- ✓ Connect your remote device to the Wi-Fi network being broadcast from your Kangaroo Mobile Desktop computer.
- ✓ Activate the Host/Server software installed on your Kangaroo Mobile Desktop.
- ✓ Activate the Client/Viewer software installed on your remote device.

Note:

Once the VNC software is activated on both Host and Client devices all you need to establish the connection is a common set of credentials (IP address, authentication pass code, or the username and password of the Host computer). Each VNC software differs slightly in its secure authentication methods, so this will require a basic understanding the VNC software that you've installed.

The following example assumes you have already installed the relevant VNC software on both the Kangaroo Mobile Desktop and the Remote device that you wish to use to control your Kangaroo PC.

Preparing for a Remote Connection

- Sliding the Action Switch on the side of the Kangaroo Mobile Desktop activates Wi-Fi Direct Mode, making the Kangaroo Mobile Desktop visible (as a Wi-Fi AP) to remote computers.



- Double-clicking on the Action Switch application icon  (found in Windows Taskbar Notification Area of your Kangaroo Mobile Desktop) will activate the Action Switch application.



- Click the **Function** menu, and select **Set** to change the default **Net name** and **Passcode** before using (recommended).

Using a Remote Device to Connect to the Kangaroo via Wi-Fi Direct

- Enable Wi-Fi on the remote device and connect to the AP signal being broadcast from your Kangaroo Mobile Desktop computer.
- Note, the default name of the AP being broadcast will be "AnywhereAP". If you changed this (as recommended) then locate the network name and log into the AP using the password you created in the steps above.
- Launch the VNC Host/Server software installed on your Kangaroo Mobile Desktop.
- Launch the VNC Client/Viewer software installed on your remote device.

Important Note

To establish the connection between the two computers you may be required to specify the IP address or computer name of the Host computer and use the credentials (username and password) to login using the remote device.

